



Attorney Docket No. 15448-3505

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Group Art Unit No.: 2818

Alok Jain, et al.

Examiner: NYA

Serial No.: 10/029,547

Filed on: December 21, 2001

For: MECHANISM FOR RECOGNIZING AND ABSTRACTING MEMORY
STRUCTURES

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Commissioner for Patents
Washington, D.C. 20231

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INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

X 37 C.F.R. §1.97(b).

 37 C.F.R. §1.97(c). If so, then this Information Disclosure Statement includes one of the following:

 A statement pursuant to 37 C.F.R. §1.97(e)

 1.97(e)(1) The undersigned hereby states that each item of information contained in this information disclosure statement was first cited in communication from a foreign patent office in a counterpart

foreign application not more than three months prior to the filing of this information disclosure statement.

_____ 1.97(e)(2) The undersigned hereby states that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement.

_____ A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).

_____ 37 C.F.R. §1.97(d). If so, then this Information Disclosure Statement includes the following:

_____ A statement pursuant to 37 C.F.R. §1.97(e)

_____ 1.97(e)(1) The undersigned hereby states that each item of information contained in this information disclosure statement was first cited in communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement; OR

_____ 1.97(e)(2) The undersigned hereby states that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement.

AND

_____ A check for \$180.00 for the fee under 37 C.F.R. §1.17(i) for submission of the Information Disclosure Statement.

_____ 37 C.F.R. §1.97(i). Wherein applicants are submitting references before the grant of a patent to be placed in the file but not considered by the Patent office.

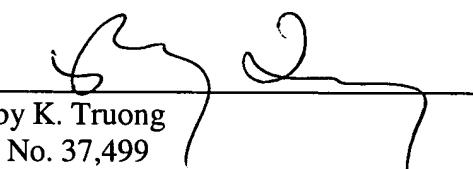
- (1) Accordingly, copies of the references as listed on the attached Form PTO 1449 are submitted herewith for placement in the file. No certification or fees are deemed necessary.

Throughout the pendency of this application, please charge any additional fees, including any required extension of time fees, and credit all overpayments to deposit account 50-1302. A duplicate of this sheet is enclosed.

Respectfully submitted,

HICKMAN PALERMO TRUONG & BECKER LLP

Dated: February 27, 2002

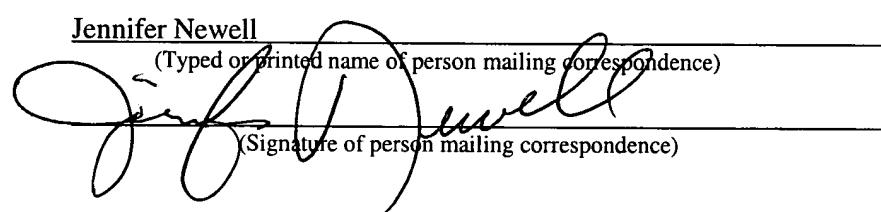

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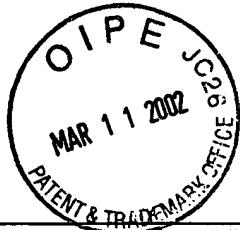
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**INFORMATION DISCLOSURE
CITATION IN AN APPLICATION**


(PTO-1449)

ATTY. DOCKET NO.
15448-0505SERIAL NO.
10/029,547APPLICANT
Alok Jain, et al.FILING DATE
December 21, 2001GROUP
2818**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
						RECEIVED
						APR 25 2002
						Technology Center 2700

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	"M. Pandey, et al., "Exploiting Symmetry when Verifying Transistor-Level Circuits by Symbolic Trajectory Evaluation," IEEE, Vol. 18, No. 7, July 1999, pp. 918-935.
	D. T. Blaauw, et al., "Functional Abstraction of Logic Gates for Switch-Level Simulation," European Conference on Design Automation, pp. 329-333, February 1991.
	S. Kundu, "GateMaker: A Transistor to Gate Level Model Extractor for Simulation, Automatic Test Pattern Generation and Verification," International Test Conference, pp. 372-381, 1998.
	R. E. Bryant, "Algorithmic Aspects of Symbolic Switch Network Analysis," IEEE Transactions on Computer Aided Design, pp. 618-633, July 1987.
/	R. E. Bryant, "Boolean Analysis of MOS Circuits," IEEE Transactions on Computer Aided Design, pp. 634-649, July 1987.
/	R. E. Bryant, "Extraction of Gate Level Models From Transistor Circuits by Four-Valued Symbolic Analysis," International Conference on Computer Aided Design, pp. 350-353, 1991.
/	S. Jain, et al., "Automatic Clock Abstraction from Sequential Circuits," Design Automation Conference, pp. 707-711, 1995.
	R. Razdan, et al., "Clock Suppression Techniques for Synchronous Circuits," IEEE Transactions on Computer Aided Design of Integrated Circuits and Systems, pp. 1547-1556, October 1993.
	F. Rocheteau, et al., "Tralala: A Fast and Accurate Functional Abstraction Tool For Transistor Netlists," SAME 99, Accessible from http://www.sansistor.com .

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.